This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT.
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

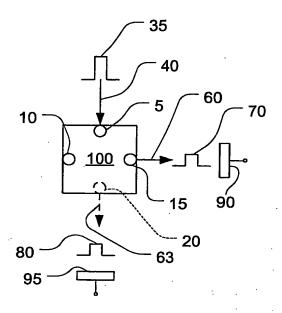


Fig. 1a

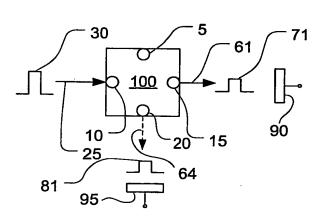


Fig. 1b

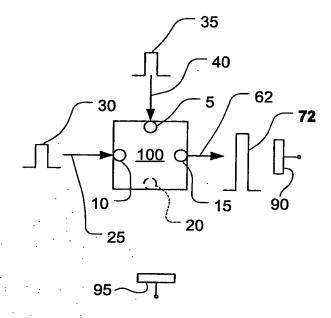


Fig. 1c

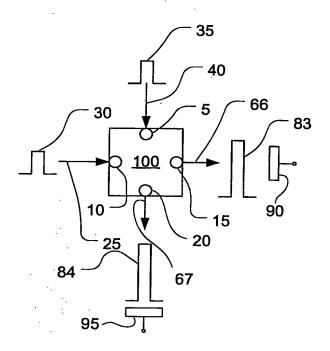
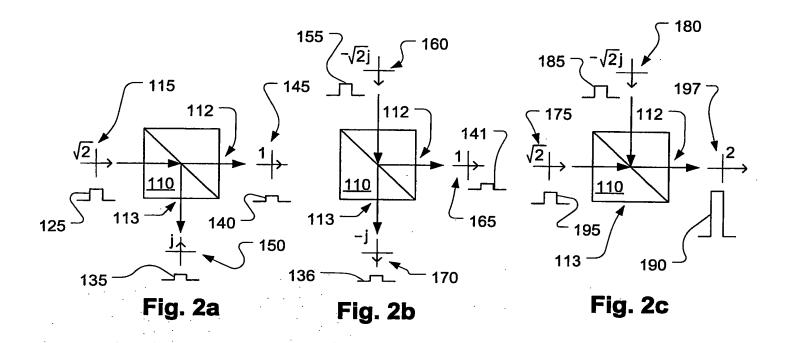
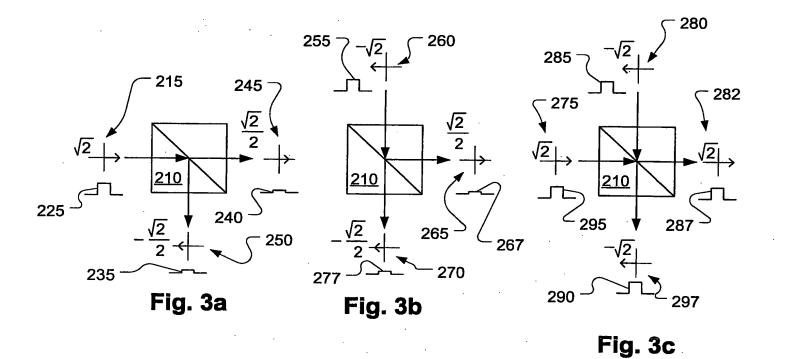
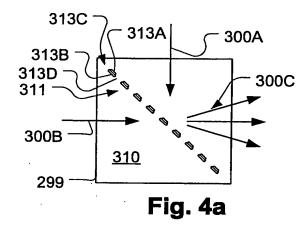
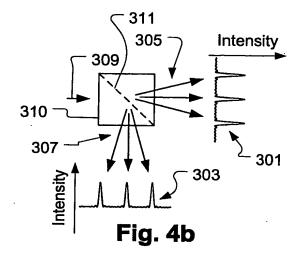


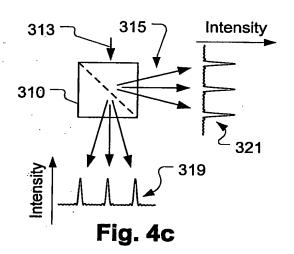
Fig. 1d

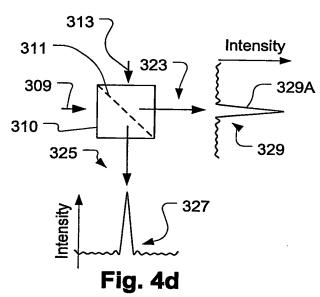


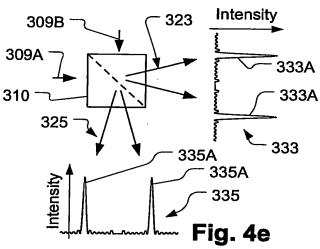












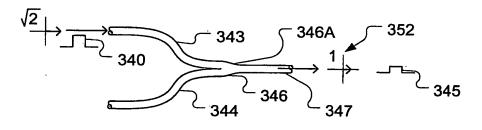
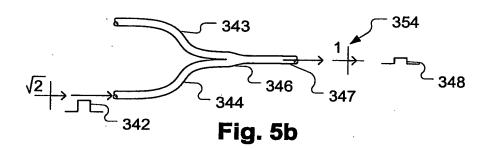
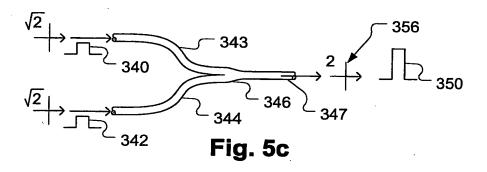


Fig. 5a





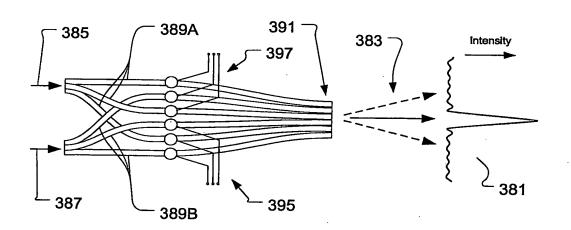


Fig. 7a

Fig. 6c

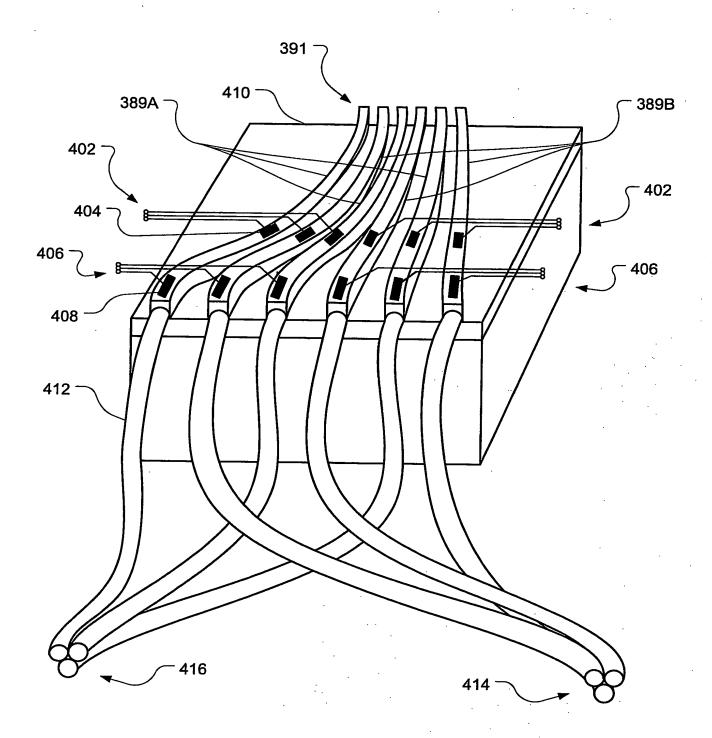
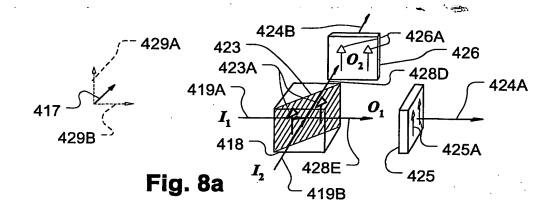
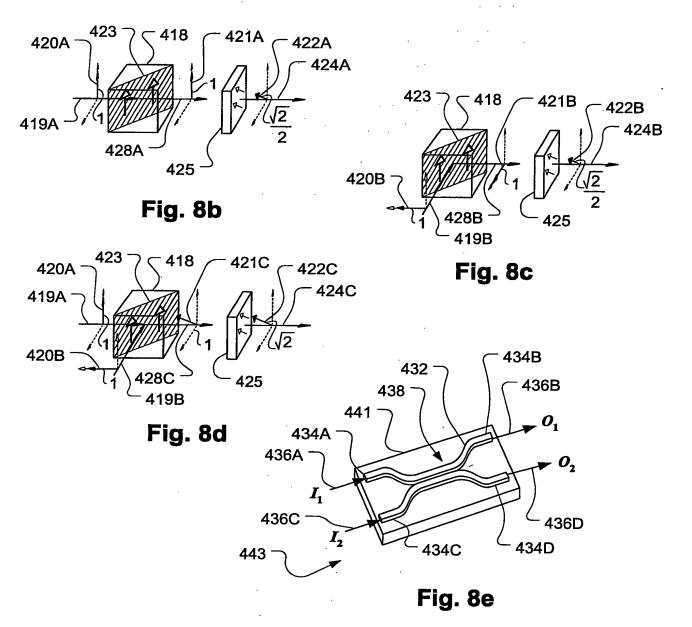


Fig. 7b





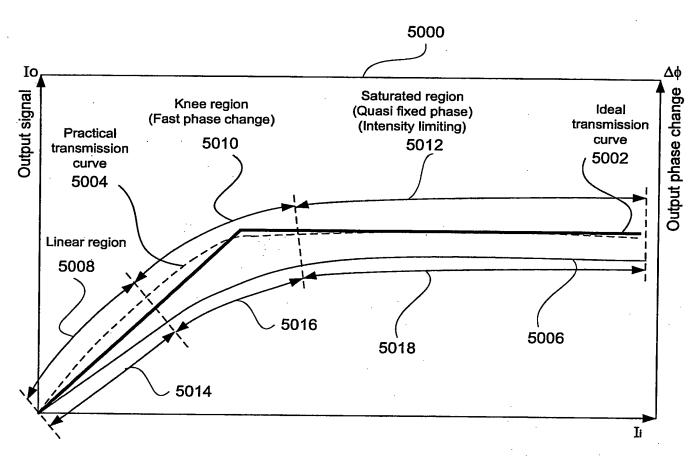


Fig. 9a

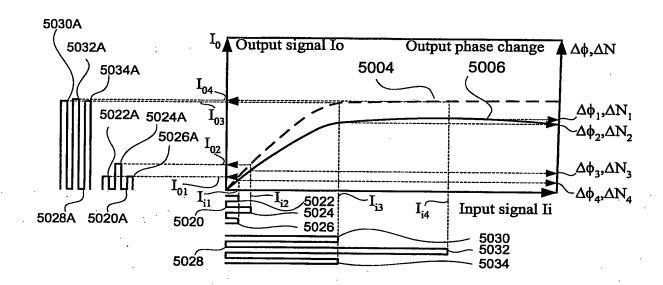


Fig. 9b

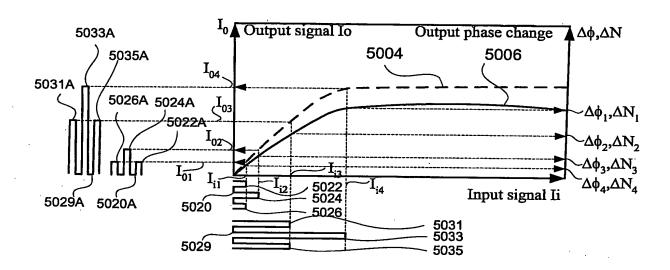


Fig. 9c

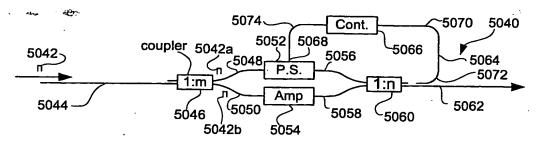
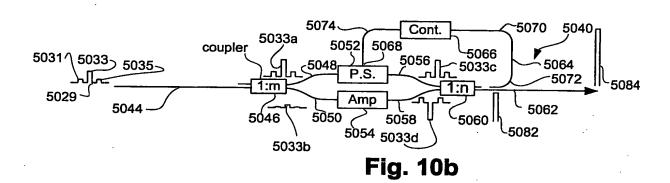


Fig. 10a



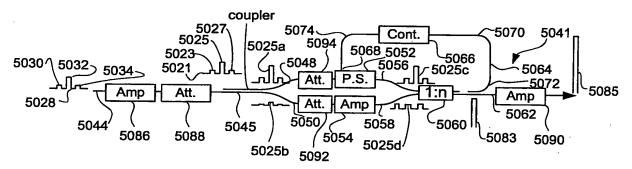
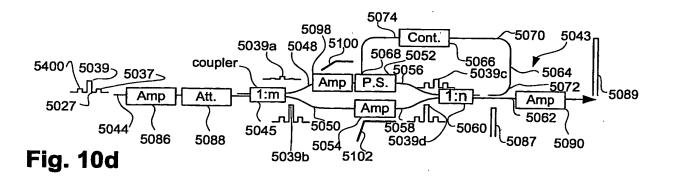
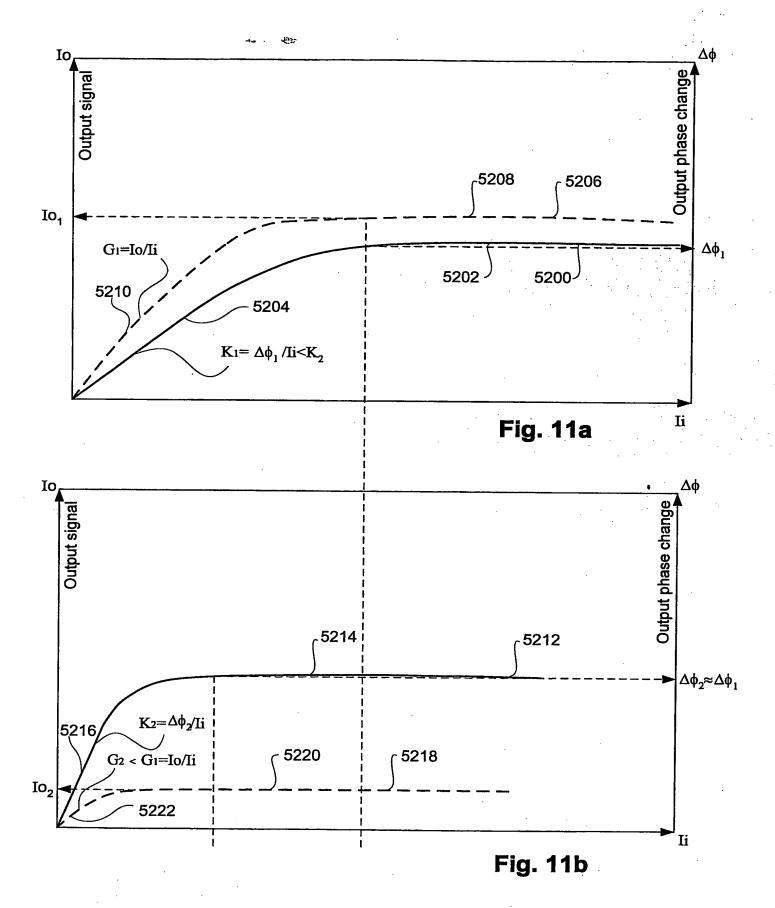
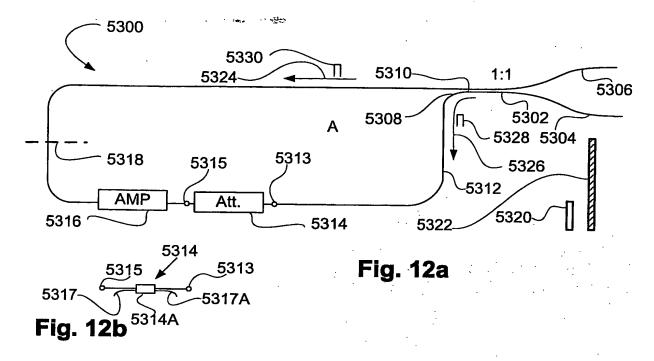


Fig. 10c







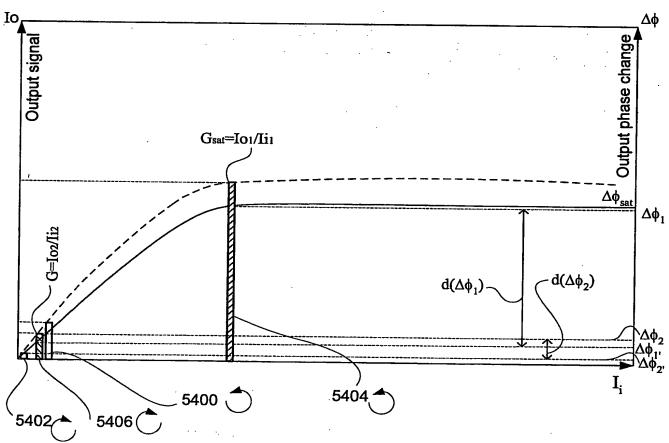
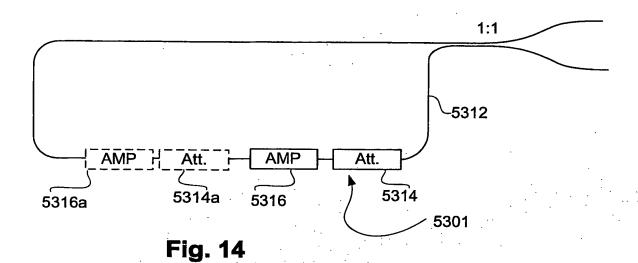
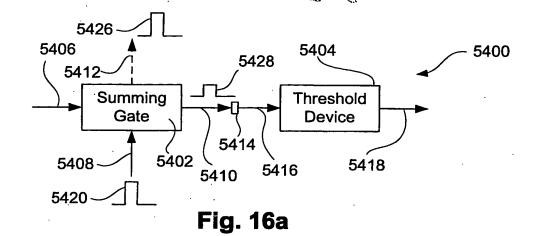


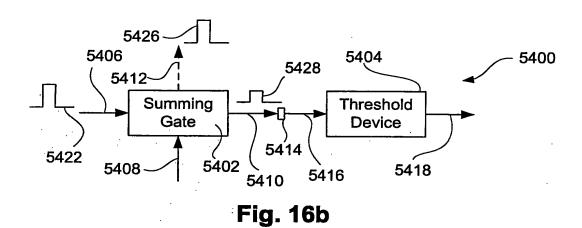
Fig. 13



5330 5<u>3</u>03 5324 5310-5306 AMP Att. 5314b 5302 5328 5304 5308-5318 5316b 5326 - 5500 -5312 AMP Att. 5320 5316 5322 5314

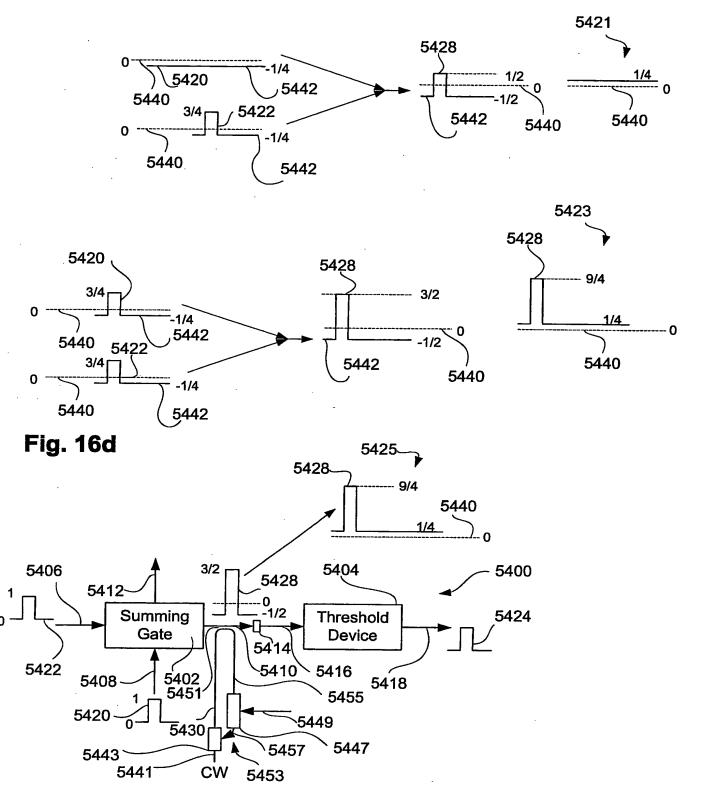
Fig. 15





Summing Threshold Gate Device

Fig.16c



. بري.

Fig. 16e

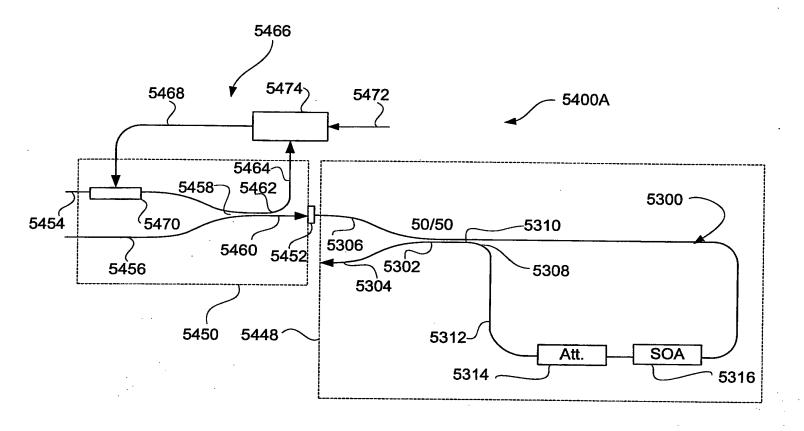
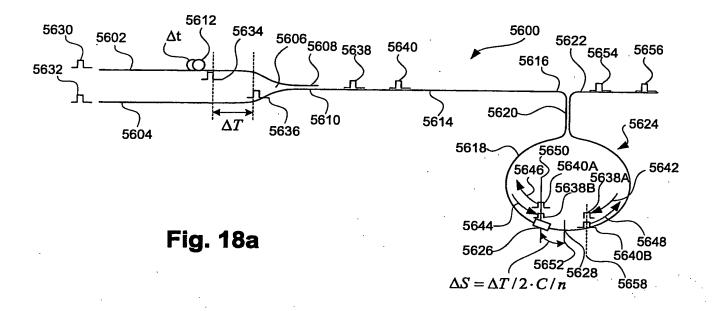
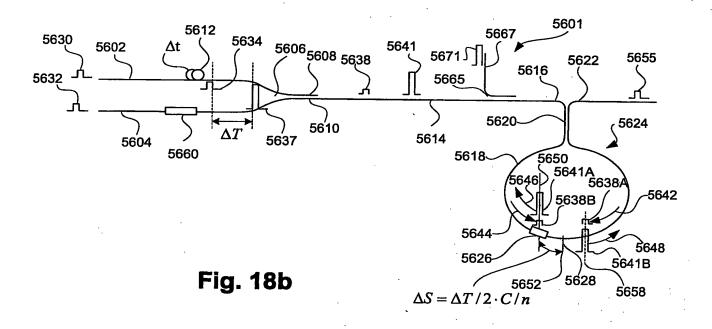


Fig.17





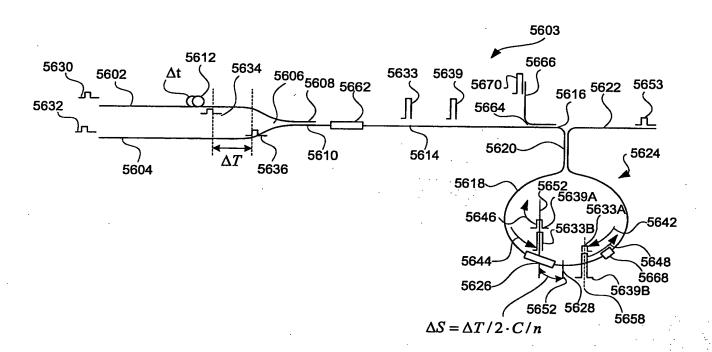


Fig. 18c

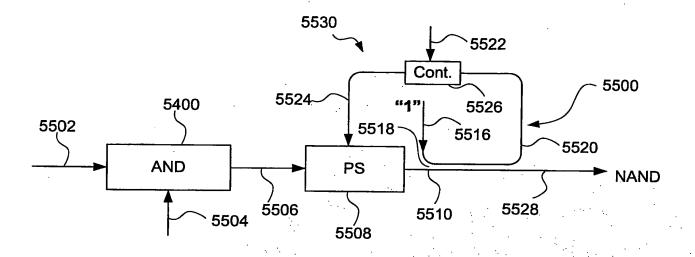


Fig. 19a

